

## CLAIMS

What is claimed is:

- 1           1.     A computer implemented method, comprising:
  - 2           (a)     causing a first print job to be transmitted to a printer, the printer
  - 3           having at least one user input key;
  - 4           (b)     automatically displaying on the computer an image of the at least
  - 5           one user input key while the printer is processing the first print job; and
  - 6           (c)     in response to receiving a selection of the at least one user input
  - 7           key image, causing the printer to perform a function.
- 1           2.     The method of claim 1, wherein the printer is configured to
- 2           perform a first function when the key is selected by a walk-up user and step (c)
- 3           is performed by causing the printer to perform the first function.
- 1           3.     The method of claim 1, wherein the printer is configured to
- 2           respond to a selection of the key by canceling the job presently being processed
- 3           by the printer, and step (c) is performed by causing the printer to cancel the
- 4           processing of the first print job.
- 1           4.     The method of claim 1, wherein the first print job directs the
- 2           printer to print on media having a first set of dimensions; the printer is
- 3           configured to respond to a selection of the key by printing the first print job on
- 4           media having a different set of dimensions; and step (c) is performed by causing
- 5           the printer to print the first print job on media having the different set of
- 6           dimensions.
- 1           5.     The method of claim 1, wherein the printer includes a local display
- 2           device for displaying information to a user and the method further comprising:
  - 3           (d)     automatically displaying on the computer an image of the display
  - 4           device while the printer is processing the first print job.

1           6.     The method of claim 5, wherein the image of the display device  
2 indicates the information presently being provided by the display device.

1           7.     The method of claim 1, wherein the computer is connected to the  
2 printer over a network.

1           8.     A server, comprising:  
2           (a)     means for receiving a request from a client;  
3           (b)     means for responding to the request by transmitting a program of  
4 computer readable instructions to the client, the program for enabling the client  
5 to:  
6           i)     use a specific printer to print a document, the printer having a user  
7 input key; and  
8           ii)    automatically display an image of the key while the printer is  
9 printing the document; and  
10          iii)   in response to receiving a user selection of the key image while the  
11 printer is printing the document, cause the printer to perform a particular  
12 function.

1           9.     The server of claim 8, wherein the server is embedded in the  
2 printer.

1           10.    The server of claim 8, wherein the printer is configured to respond  
2 to a selection of the input key while the printer is printing the document by  
3 canceling the printing of the document; and wherein the function includes  
4 canceling the printing of the document.

1           11.    The server of claim 8, wherein the function includes causing the  
2 printer to print the document on media having a particular dimension.

1           12.    The server of claim 8, wherein the printer includes a local display  
2 device for providing information to a walk-up user and the program is further for  
3 enabling the client to:

4           iv)     display an image of the local display device while the printer is  
5 printing the document.

1           13.    The server of claim 8, wherein the client is a personal computer  
2 connected to the server over a network.

1           14.    The server of claim 8, wherein the program is Web content.

1           15.    A computer readable medium embodying a program of instructions  
2 for causing a computer remotely connected to a printer to perform method  
3 steps, the printer having at least one user input key, the method steps  
4 comprising:

- 5           (a)     transmitting a print job to the printer;  
6           (b)     automatically displaying on the computer an image resembling the  
7 user input key only while the printer is processing the print job; and  
8           (c)     in response to a selection of the image, causing the printer to  
9 initiate a function.

1           16.    The computer readable medium of claim 15, wherein the function  
2 includes canceling the print job.

1           17.    The computer readable medium of claim 16, wherein the printer is  
2 configured to respond to a selection of the user input key while the printer is  
3 processing the print job by canceling the print job.

1           18.    The computer readable medium of claim 15, wherein the printer  
2 includes a local display for providing information to a walk up user and the  
3 method steps further comprising:

- 4           (d)     automatically displaying on the computer a virtual display while the  
5 printer is processing the print job; and wherein the virtual display resembles the

6 local display and indicates the same information presently being indicated by the  
7 local display.

1 19. The computer readable medium of claim 15, wherein the printer  
2 includes at least one indicator light for indicating information to a walk-up user  
3 and the method steps further comprising:

4 (d) automatically displaying on the computer an image that resembles  
5 the present state of the indicator light while the printer is processing the print  
6 job.

1 20. A printing system comprising:

2 (a) a printer having at least one user input key; and

3 (b) a computer connected to the printer over a network, the computer  
4 including:

5 (b.1) apparatus for transmitting a print job to a printer;

6 (b.2) apparatus for automatically displaying on the computer an  
7 image of the input key while the printer is processing the print job; and

8 (b.3) apparatus for responding to a selection of the image by  
9 causing the printer to perform a pre-determined function.

1 21. The system of claim 20, wherein the printer is configured to  
2 respond to a selection of the user input key by canceling the print job that is  
3 presently being processed; and wherein the predetermined function includes  
4 canceling the processing of the print job.

1 22. The system of claim 20, wherein the printer is configured to  
2 respond to a selection of the user input key performing the pre-determined  
3 function.